

## Appendix A. References

---

- Baker, E.T. Jr. 1979. Stratigraphic and Hydrogeologic Framework of Part of the Coastal Plain of Texas. Report 236. Texas Department of Water Resources, Austin, TX. July 1979.
- Cameron County. 2018. Order No. 2018O12017. An Order of the Commissioners Court of Cameron County, Texas Promulgated Pursuant to Chapter 61 of the Texas Natural Resources Code and Chapter 15 of the Texas Natural Resources Code Annotated to Adopting Amendments to the Cameron County Dune Protection and Public Beach Access Plan Including the Adoption of the Cameron County Erosion Response Plan Which is an Appendix Thereto. December 11, 2018. <https://www.glo.texas.gov/coast/coastal-management/forms/files/cameron.pdf>. Accessed July 24, 2020.
- Bureau of Ocean Energy Management. 2021. Oil & Gas Mapping And Data. <https://www.boem.gov/oil-gas-energy/mapping-and-data>. Accessed August 4, 2021.
- Cameron County. 2021. Isla Blanca Park. <https://www.cameroncounty.us/parks-coastal-parks/parks-isla-blanca/>. Accessed August 3, 2021.
- CEQ (Council on Environmental Quality). 1997. Environmental Justice, Guidance Under the National Environmental Policy Act, Council on Environmental Quality, Executive Office of the President, Washington, D.C. 20502, December 10, 1997. <https://ceq.doe.gov/docs/ceq-regulations-and-guidance/regs/ej/justice.pdf>.
- Choudhury, A. H., and R.E. Mace. 2003. A Groundwater Availability Model of the Gulf Coast Aquifer in the Lower Rio Grande Valley, Texas: Numerical Simulations through 2050. Texas Water Development Board. October.
- City-Data. 2021. Boca Chica State Park is an undeveloped park in Texas. <http://www.city-data.com/articles/Boca-Chica-State-Park-is-an-undeveloped.html>. Accessed August 3, 2021.
- Economic Development Agreement, Cameron County, Texas, Cameron County Spaceport Development Corporation, Space Exploration Technologies Corp, September 2014, 2014C08286.
- Energy Information Administration 2018. "U.S. energy-related CO2 emissions fell slightly in 2017 - Today in Energy." <https://www.eia.gov/todayinenergy/detail.php?id=36953>. Accessed March 13, 2019.
- EPA (Environmental Protection Agency). 2014. Emissions Factors for Greenhouse Gas Inventories. [https://www.epa.gov/sites/production/files/2015-07/documents/emission-factors\\_2014.pdf](https://www.epa.gov/sites/production/files/2015-07/documents/emission-factors_2014.pdf). Accessed November 17, 2019.
- EPA. 2019a. Texas Superfund Sites for Reuse. <https://www.epa.gov/superfund-redevelopment-initiative/superfund-sites-reuse-texas>. Accessed November 17, 2019.
- EPA. 2019b. U.S. EPA National Emissions Inventory. [https://edap.epa.gov/public/extensions/nei\\_report\\_2014/dashboard.html#sector-db](https://edap.epa.gov/public/extensions/nei_report_2014/dashboard.html#sector-db). Accessed November 18, 2019.

- EPA. 2020. Criteria Air Pollutants NAAQS Table. <https://www.epa.gov/criteria-air-pollutants/naaqs-table>. Accessed July 27, 2020.
- EPA. 2021. Sole Source Aquifers. Available: <https://epa.maps.arcgis.com/apps/webappviewer/index.html?id=9ebb047ba3ec41ada1877155fe31356b>. Accessed April 12, 2021.
- FAA (Federal Aviation Administration). 2013a. Final Architectural Survey for the Proposed SpaceX Texas Launch Site, Cameron County, Texas, Washington, DC. January 2013.
- FAA. 2013b. Final Archaeological Survey for the Proposed SpaceX Texas Launch Site, Cameron County, Texas. Washington, DC. March 2013.
- FAA. 2014a. Final Environmental Impact Statement SpaceX Texas Launch Site. Volume I, May 2014.
- FAA. 2014b. Final Environmental Impact Statement SpaceX Texas Launch Site. Volume II- Appendices, May 2014.
- FAA. 2014c. Written Re-evaluation of the 2014 Final Environmental Impact Statement for the SpaceX Texas Launch Site, November 2014.
- FAA. 2017. Written Re-evaluation of the 2014 Final Environmental Impact Statement for the SpaceX Texas Launch Site, October.
- FAA. 2019a. Written Re-evaluation of the 2014 Final Environmental Impact Statement for the SpaceX Texas Launch Site, May.
- FAA. 2019b. Addendum to the 2019 Written Re-evaluation for SpaceX's Reusable Launch Vehicle Experimental Test Program at the SpaceX Launch Site, August.
- FAA. 2019c. Second Addendum to the 2019 Written Re-evaluation for SpaceX's Reusable Launch Vehicle Experimental Test Program at the SpaceX Launch Site, November.
- FAA. 2020a. Third Addendum to the 2019 Written Re-evaluation for SpaceX's Reusable Launch Vehicle Experimental Test Program at the SpaceX Launch Site, June.
- FAA. 2020b. Written Re-evaluation of the 2014 Final Environmental Impact Statement for the SpaceX Texas Launch Site, May.
- FAA. 2020c. Written Re-evaluation of the 2014 Final Environmental Impact Statement for the SpaceX Texas Launch Site, December.
- FAA. 2020d. FAA 1050.1F Desk Reference Version 2.  
[https://www.faa.gov/about/office\\_org/headquarters\\_offices/apl/enviro\\_n\\_policy\\_guidance/policy/faq\\_nepa\\_order/desk\\_ref/media/desk-ref.pdf](https://www.faa.gov/about/office_org/headquarters_offices/apl/enviro_n_policy_guidance/policy/faq_nepa_order/desk_ref/media/desk-ref.pdf). February 2020. Accessed July 27, 2020.
- FAA. 2020e. Final Environmental Assessment and Finding of No Significant Impact for SpaceX Falcon Launches at Kennedy Space Center and Cape Canaveral Air Force Station. July 2020.
- FEMA (Federal Emergency Management Agency). 2018. Flood Insurance Rate Map: Cameron County, Texas, and Incorporated Areas. Map Number 48061C0650F. Effective Date: February 16, 2018.

- Guest, S. and R.M. Slone Jr. 1972. Structural Damage Claims Resulting from Acoustic Environments Developed During Static Firing of Rocket Engines. San Antonio, Texas. April.
- Haber and Nakaki. 1989. Noise and Sonic Boom Impact Technology, Sonic Boom Damage to Conventional Structures. HSD-TR-89-001, February 1989, 314 pp.
- Hershey, R.L., and T.H. Higgins. 1976. Statistical Model of Sonic Boom Structural Damage, FAA-RD-76-87. July.
- Jolivet, P. and T. J. Hawkeswood. 1995. Host-plants of Chrysomelidae of the World. Backhuys - Leiden. [10] 281 pp.
- KBRwyle. 2020. TN20-02 Starship Rocket Noise Assessment for Flight and Test Operations at the Boca Chica Launch Facility. June 2020.
- Laguna Vista. 2021. Parks and Recreation. <http://lvtexas.com/parks.php>. Accessed August 3, 2021.
- Lee, J., and N. Lee. 2000. "An experimental study on the restoration creation of tidal flats." Journal of the Korea Organic Resources Recycling Association 8 (1): 77-82.
- LEED. 2020. Bird Collision Deterrence. Available: <https://www.usgbc.org/credits/core-shell-existing-buildings-healthcare-new-construction-retail-nc-schools/v2009/pc55>. Accessed: October 16, 2020.
- Lof, L. 2012. Personal communication, L. Lof, Cameron County Historical Commission Historian to D. Barclay, Archaeologist, Cardno TEC, Golden, CO. July 20, 2012.
- McCoy, T.W. 1990. Evaluation of Ground-Water Resources in the Lower Rio Grande Valley, Texas. Report 316. Texas Water Development Board, Austin, TX. January.
- Muller, D.A., and R.D. Price. 1979. Ground-water availability in Texas. Estimates and projections through 2030. Texas Department of Water Resources Report 238.
- Myers, B.N. 1969. Compilation of results of aquifer tests in Texas. Report 98. Texas Water Development Board, Austin, TX.
- NASA. 2014 (National Aeronautics and Space Administration). Ecological Impacts of the Space Shuttle Program at John F. Kennedy Space Center, Florida. NASA/TM-2014-216639. National Aeronautics and Space Administration, John F. Kennedy Space Center, Florida. 209 pp.
- NASA. 2016. Center Master Plan, Final Programmatic Environmental Impact Statement, NASA Kennedy Space Center, FL. 700 pp.
- NASA. 2019. Environmental Assessment for the SpaceX Starship and Super Heavy Launch Vehicle at Kennedy Space Center (KSC). 256 pp
- National Climate Data Center. 2012. Climate Data Online: South Padre Island Station - 1992 through 2011. <https://www.ncdc.noaa.gov/cdo-web/search>. Accessed July 16, 2012.
- NMFS (National Marine Fisheries Service). 2017. United States Department of Commerce. Request for Reinitiation of Informal Consultation under Section 7(a)(2) of the Endangered Species Act for the

SpaceX Landing and Recovery Operations in the Atlantic Ocean, Gulf of Mexico, and Pacific Ocean. October 02, 2017.

NOAA (National Oceanic and Atmospheric Administration). 2018. National Marine Protected Area Center. <https://marineprotectedareas.noaa.gov/>. Accessed February 6, 2020.

NOAA (National Oceanic and Atmospheric Administration). 2021a. National Weather Service Weather Balloons. Available: [https://www.weather.gov/bmx/kidscorner\\_weatherballoons](https://www.weather.gov/bmx/kidscorner_weatherballoons). Accessed: July 26, 2021.

NOAA. 2021b. GIS Data for Essential Fish Habitat: Pacific Islands. Latest data update – March 10, 2021. Available: <https://www.habitat.noaa.gov/application/efhinventory/index.html>. Accessed: April 29, 2021.

NPS (National Park Service). 1997. Palmito Ranch Battlefield National Historic Landmark Nomination Form.

NPS. 2020. Nationwide Rivers Inventory. Available: <https://www.nps.gov/maps/full.html?mapId=8adbe798-0d7e-40fb-bd48-225513d64977>. Accessed April 12, 2021.

NRCS (Natural Resources Conservation Service). 2021. Web Soil Survey: Cameron County, Texas. Available: <http://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx>. Accessed April 13, 2021.

OSHA (Occupational Safety and Health Administration). 2020. Federal Regulation Title 29 - Labor, Subtitle B, Chapter XVII, Part 1910 - Occupational Safety and Health Standards, Subpart G - Occupational Health and Environmental Control, 1910.95 - Occupational noise exposure. Available: <http://www.ecfr.gov/>. Accessed: December 2020.

Riley E.G., King J.E. 2009. Element record datasheets, submitted to Texas Parks & Wildlife Department, Wildlife Division, Austin. XII-10-2008.

RRC (Railroad Commission). 2021. RRC Public GIS Viewer. <https://gis.rrc.texas.gov/GISViewer/> . Accessed August 4, 2021.

Schmalzer, P. A., S.R. Boyle, P. Hall, D.M. Oddy, M.A. Hensley, E.D. Stolen, and B.W. Duncan. 1998. Monitoring direct effects of Delta, Atlas, and Titan launches from Cape Canaveral Air Station. NASA Technical Memorandum 207912. 61 pp.

Sierra. 2019. Exhaust Plume Calculations for SpaceX Raptor Booster Engine. Sierra Engineering and Software, Inc. June 2019.

South Padre Island Convention and Visitors Bureau. 2021. Laguna Madre Nature Trail. <https://www.sopadre.com/listing/laguna-madre-nature-trail/1079/>. Accessed August 3, 2021.

Sutherland L.C. 1990. Effects on Sonic Boom on Structures, Lecture 3 of sonic Boom: Prediction and Effects, AIAA Short Course. October.

Suzuki, T. 2004. "Large-scale restoration of tidal flats and shallows to suppress the development of oxygen deficient water masses in Mikawa Bay, Japan." Bulletin of Fisheries Research Agency, supplement 111-121.

TCEQ (Texas Commission on Environmental Quality). 2020a. 2020 Texas Integrated Report – Texas 202(d) List (Category 5). [https://wayback.archive-it.org/414/20200907230611/https://www.tceq.texas.gov/assets/public/waterquality/swqm/assess/20txir/2020\\_303d.pdf](https://wayback.archive-it.org/414/20200907230611/https://www.tceq.texas.gov/assets/public/waterquality/swqm/assess/20txir/2020_303d.pdf). Accessed: April 12, 2021.

TCEQ. 2020b. Municipal Solid Waste in Texas: A year in Review. 2019 Data Summary and Analysis. [https://www.tceq.texas.gov/assets/public/comm\\_exec/pubs/as/187-20.pdf](https://www.tceq.texas.gov/assets/public/comm_exec/pubs/as/187-20.pdf). Accessed: April 14, 2021.

Texas State Historical Association. 2021. Brazos Island State Scenic Park. The Handbook of Texas Online. <https://www.tshaonline.org/handbook/entries/brazos-island-state-scenic-park>. Accessed 3, 2021.

TPWD (Texas Parks and Wildlife Department). 2021a. Rare, Threatened, and Endangered Species of Texas. <https://tpwd.texas.gov/gis/rtest/>. Accessed: April 13, 2021.

TPWD. 2021b. Texas Conservation Action Plan: Species of Greatest Conservation Need. <https://tpwd.texas.gov/landwater/land/tcap/sgcn.phtml>. Accessed: August 3, 2021.

Tradebe Treatment and Recycling. 2020. Company Overview. [https://www.tradebeusa.com/sites/default/files/imce\\_images/soq\\_-\\_section\\_3\\_v2\\_0.pdf](https://www.tradebeusa.com/sites/default/files/imce_images/soq_-_section_3_v2_0.pdf). Accessed: April 14, 2021.

TWDB (Texas Water Development Board). 2017. Modeled Available Groundwater for the Gulf Coast Aquifer System in Groundwater Management Area 16. [https://www.twdb.texas.gov/groundwater/docs/GAMruns/GR17-025\\_MAG.pdf?d=15282.420000061393](https://www.twdb.texas.gov/groundwater/docs/GAMruns/GR17-025_MAG.pdf?d=15282.420000061393). Accessed: February 4, 2021.

TWDB. 2020a. Groundwater Database Reports. <http://www.twdb.texas.gov/groundwater/data/gwdbbrpt.asp>. Accessed: February 6, 2020.

TWDB. 2020b. Historical Water Use Information. <http://www.twdb.texas.gov/waterplanning/waterusesurvey/estimates/index.asp>. Accessed: February 6, 2020.

TWDB. 2020c. 2021 Regional Water Plan, Municipal Water Demand Projections. [https://www3.twdb.texas.gov/apps/reports/Projections/2022%20Reports/demand\\_MunWUG\\_Search](https://www3.twdb.texas.gov/apps/reports/Projections/2022%20Reports/demand_MunWUG_Search). Accessed: April 12, 2021.

TWDB. 2020d. Water Use Survey Historical Water Use Estimates. [https://www3.twdb.texas.gov/apps/reports/WU/SumFinal\\_CountyReportWithReuse](https://www3.twdb.texas.gov/apps/reports/WU/SumFinal_CountyReportWithReuse). Accessed July 22, 2020. TxDOT 2012. Information regarding State Highway 4 Right-of-Way. Personal communication via letter, M. Jorge, District Engineer, Pharr, TX to S. Zee, FAA, Office of Commercial Space Transportation, Washington, DC. July 9.

USACE (U.S. Army Corps of Engineers). 1987. Corps of Engineers Wetland Delineation Manual.

USACE. 2010. Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Atlantic and Gulf Coastal Plain Region (Version 2.0). ERDC/EL TR-10-20. Engineer Research and Development Center, Vicksburg, MS. November.

USCB (U.S. Census Bureau). 2019a. Quick Facts.

<https://www.census.gov/quickfacts/fact/table/cameroncitytexas,cameroncountytexas/PST045218>.

Accessed: September 14, 2019.

USCB. 2019b. United States Census Bureau Information for Willacy County and Cameron County, Texas.

[https://data.census.gov/cedsci/table?q=unemployment%20rate&g=0400000US48\\_0500000US48061,48489&tid=ACST1Y2016.S2301&moe=false&tp=false&hidePreview=false](https://data.census.gov/cedsci/table?q=unemployment%20rate&g=0400000US48_0500000US48061,48489&tid=ACST1Y2016.S2301&moe=false&tp=false&hidePreview=false). Accessed: September 14, 2019.

USCB. 2019c. United States Census Bureau Quick Facts for Willacy County, Cameron City, Cameron County Texas.

<https://www.census.gov/quickfacts/fact/table/US,TX,willacycountytexas,cameroncitytexas,cameroncountytexas/LFE041218>. Accessed: September 14, 2019.

U.S. Department of the Interior. 2021. Wind-Tidal Flat Restoration Pilot. FPL 3b Activity Description , New Orleans: Gulf Coast Ecosystem Restoration Council, 14.

USFS (U.S. Forest Service). 2019. National Wild and Scenic River Line. Available:

<https://hub.arcgis.com/datasets/usfs::national-wild-and-scenic-river-line?geometry=-101.780%2C25.943%2C-127.268%2C65.868>. Accessed: April 13, 2021.

USFWS (U.S. Fish and Wildlife Service). 2001. Endangered and Threatened Wildlife and Plants; Final Determinations of Critical Habitat for Wintering Piping Plovers; Final Rule. Federal Register 66:36038-36132.

USFWS. 2004. Biological Opinion, State Highway 48 (SH 48) Improvements in Cameron County, Texas. Consultation No. 2-11-98-F-0005. September 7, 2004.

USFWS. 2013a. Lower Rio Grande Valley National Wildlife Refuge, Texas: About the Refuge.

[https://www.fws.gov/refuge/Lower\\_Rio\\_Grande\\_Valley/about.html](https://www.fws.gov/refuge/Lower_Rio_Grande_Valley/about.html). Accessed: February 6, 2020.

USFWS. 2013b. Section 4(f) Determinations for SpaceX Proposed Launch Facility at Boca Chica Beach, Cameron County, Texas – Lower Rio Grande Valley National Wildlife Refuge (NWR). Personal communication via letter from B. R. Winton, Refuge Manager, Alamo, TX to S. Zee, Environmental Specialist, FAA/AST, Washington, DC. November 14.

USFWS. 2020a. State Highway 4 Ownership Delineation. Personal communication via email from S. Perez, Wildlife Refuge Manager, USFWS, Brownsville, TX to S. Zee, FAA/AST. July 6, 2020.

USFWS. 2020b. Information for Planning and Consultation. <https://ecos.fws.gov/ipac>. Accessed 23 June, 2020.

USFWS. 2021a. Coastal Barrier Resources System Mapper.

<https://www.fws.gov/CBRA/Maps/Mapper.html>. Accessed: April 13, 2021.

USFWS. 2021b. Laguna Atascosa National Wildlife Refuge.

[https://www.fws.gov/refuge/Laguna\\_Atascosa/](https://www.fws.gov/refuge/Laguna_Atascosa/). Accessed: April 26, 2021.

WRI. 2018. New Global CO2 Emissions Numbers Are In. They're Not Good.

<https://www.wri.org/blog/2018/12/new-global-co2-emissions-numbers-are-they-re-not-good>.

Accessed: March 13, 2019